

Figure 2

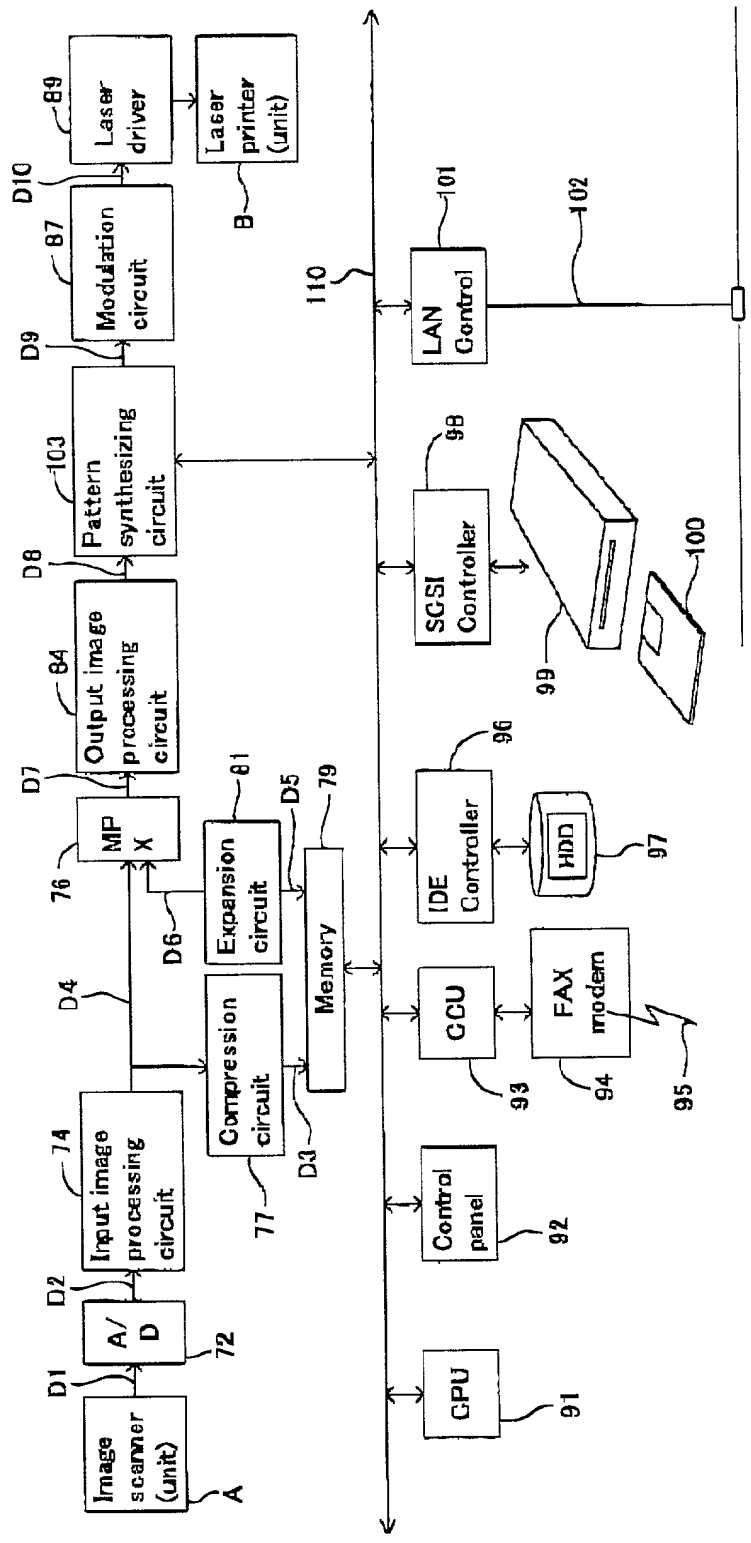


Fig.2

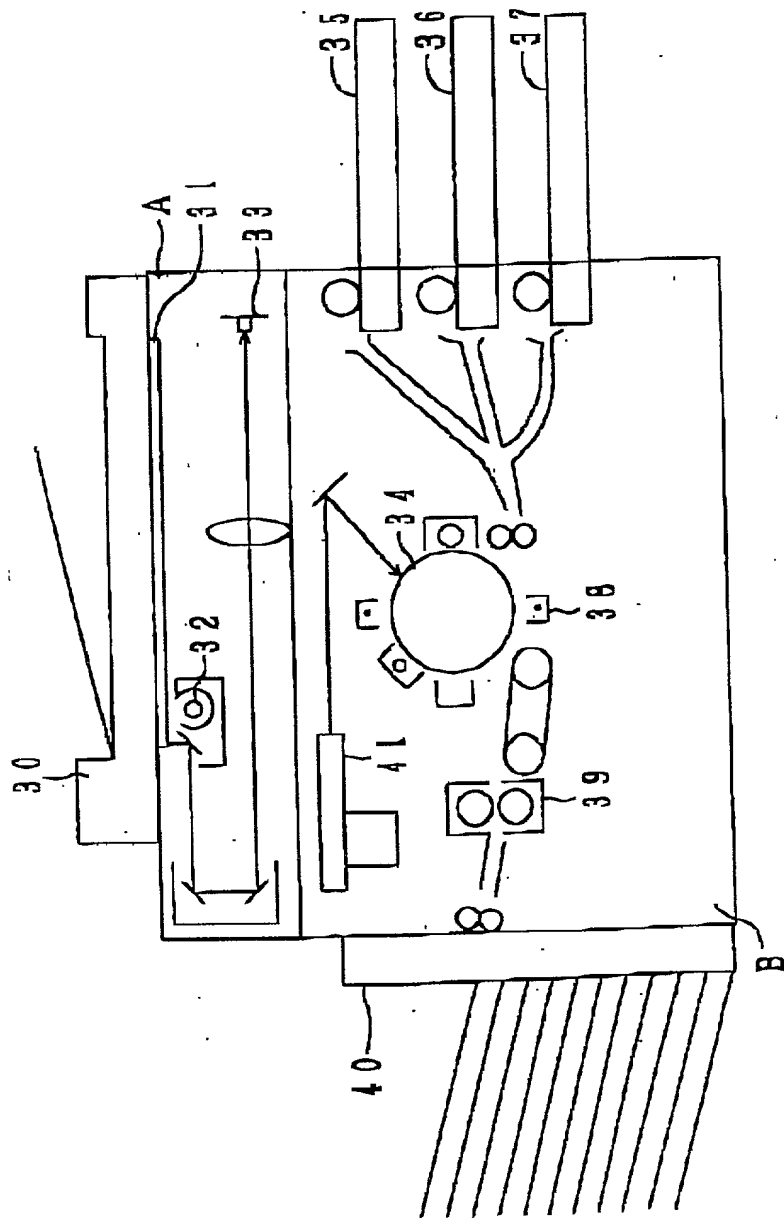
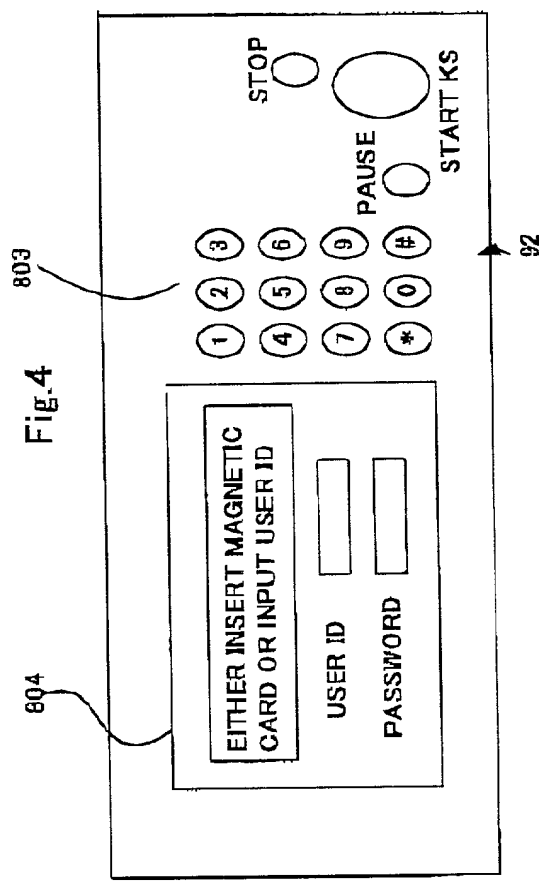


FIG. 4



[illegible]

### Digital integrated apparatus

The present invention relates to a digital integrated apparatus, more specifically to a digital integrated apparatus capable of storage and take-out of image data.

So far, proposal has been made of electronic filing system such as those disclosed in the Japanese patent laid-open publication No. 62-219768, for example, capable of storing image data on optical disc etc. from such sources as paper document, etc.

Fig. 34 discloses an example of construction of a conventional electronic filing system. This system is designed in a way to register documentary information or image information in advance on an optical disc storage device 205 and select documentary & image information agreeing with the search conditions given by a work station 201, to be described hereafter, from the optical disc storage device 205, for processing such as output, transfer, etc. Documentary information as mentioned here refers to the so-called text information, and is not documentary image information turned into image data treated by the present invention. The work station 201 is capable of inputting search conditions of documentary image information, displaying selected documentary image information, as well as giving a variety of instructions such as editing, printing, etc. As processing relating to the present invention, said work station can convert ID, Identifying address value or document & image corresponding to any specific registered document or image, into image data such as barcode, etc., combined this image data with document & image and print out by using a printer 207. Fig. 35 indicates an example of printed documentary image.



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Fig6

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# TITLE OF THE INVENTION

Digital integrated apparatus

## FIELD OF THE INVENTION

The present invention relates to a digital integrated apparatus, more specifically to a digital integrated apparatus capable of storage and take-out of image data.

## BACKGROUND OF THE INVENTION

So far, proposal has been made of electronic filing system such as those disclosed in the Japanese patent laid-open publication No. 62-219768, for example, capable of storing image data on optical disc etc. from such sources as paper document, etc.

Fig. 34 discloses an example of construction of a conventional electronic filing system. This system is designed in a way to register documentary information or image information in advance on an optical disc storage device 205 and select documentary & image information agreeing with the search conditions given by a work station 201, to be described hereafter, from the optical disc storage device 205, for processing such as output, transfer, etc. Documentary information as mentioned here refers to the so-called text information, and is not documentary image information turned into image data treated by the present invention. The work station 201 is capable of inputting search conditions of documentary image information, displaying selected documentary image information, as well as giving a variety of instructions such as editing, printing, etc. As processing relating to the present invention, said work station can convert ID, identifying address value or document & image corresponding to any specific registered document or image, into image data such as barcode, etc., combined this image data with document & image and print out by using a printer 207. Fig. 35 indicates an example of printed documentary image.



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FIG. 34

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### 710: Document Management Table

FIG. 8

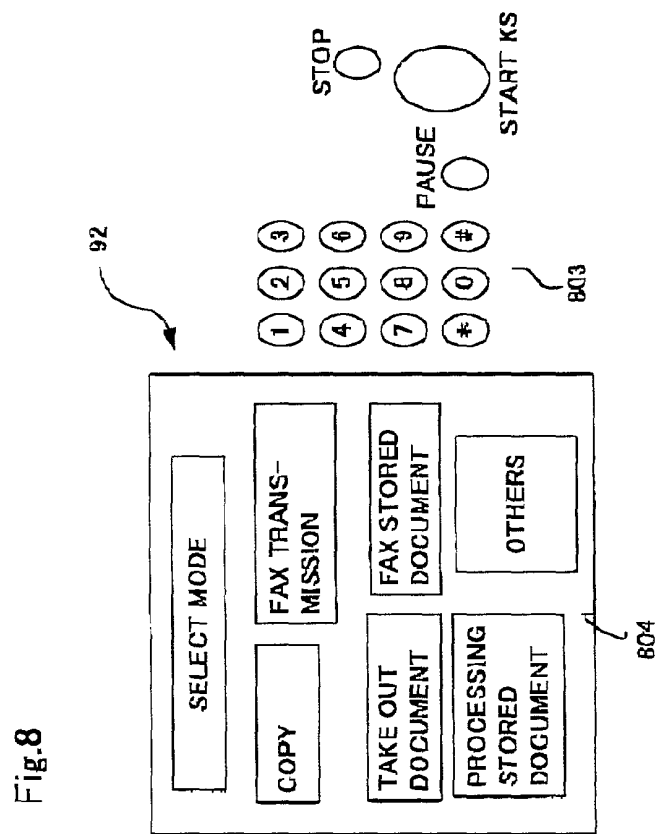


Fig.9

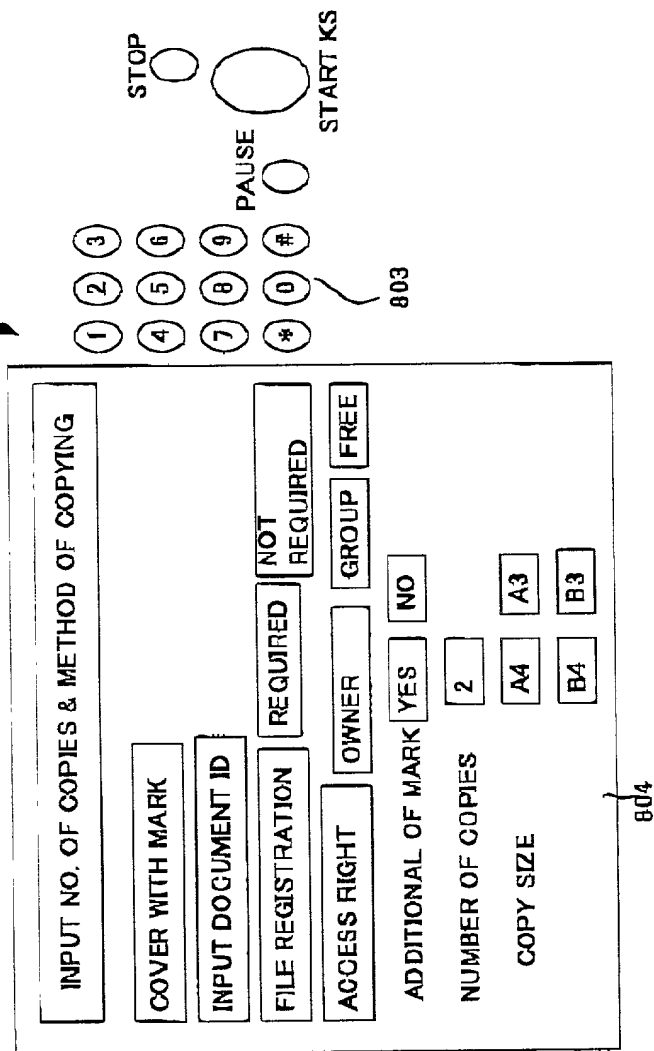
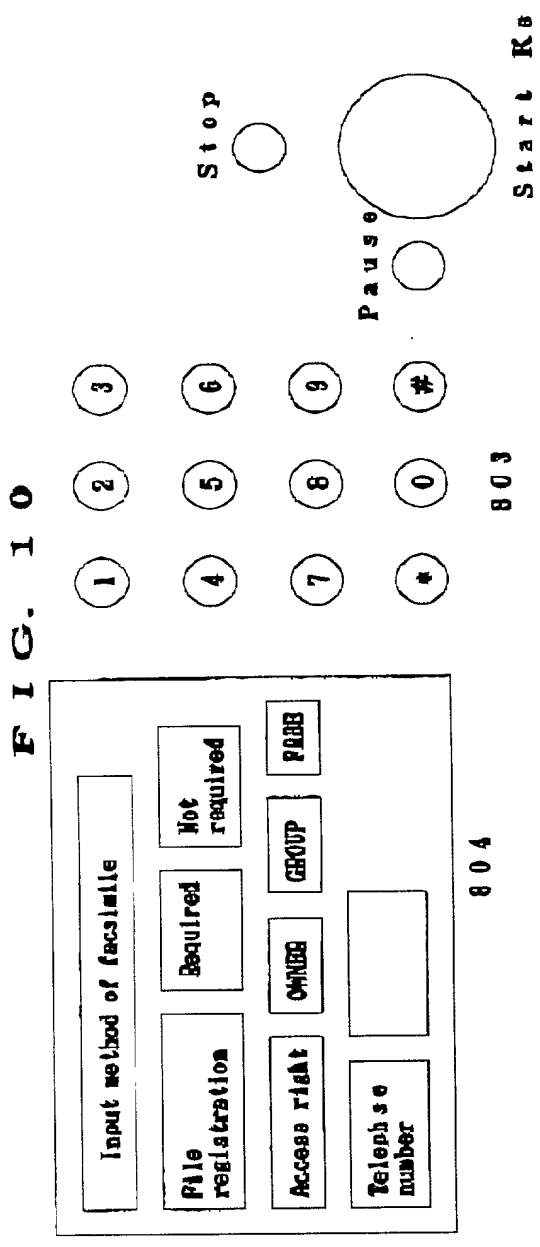


FIG. 10



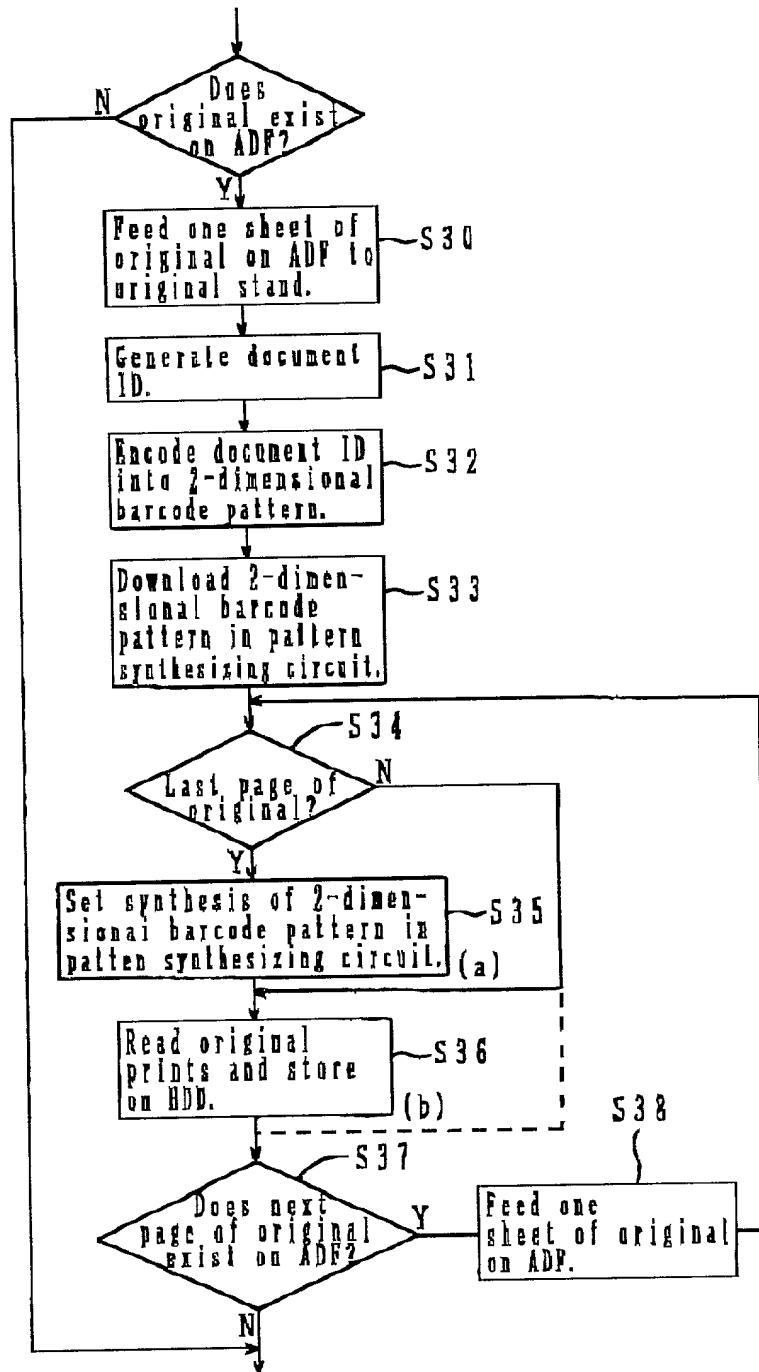


Fig. 11

FIG. 12

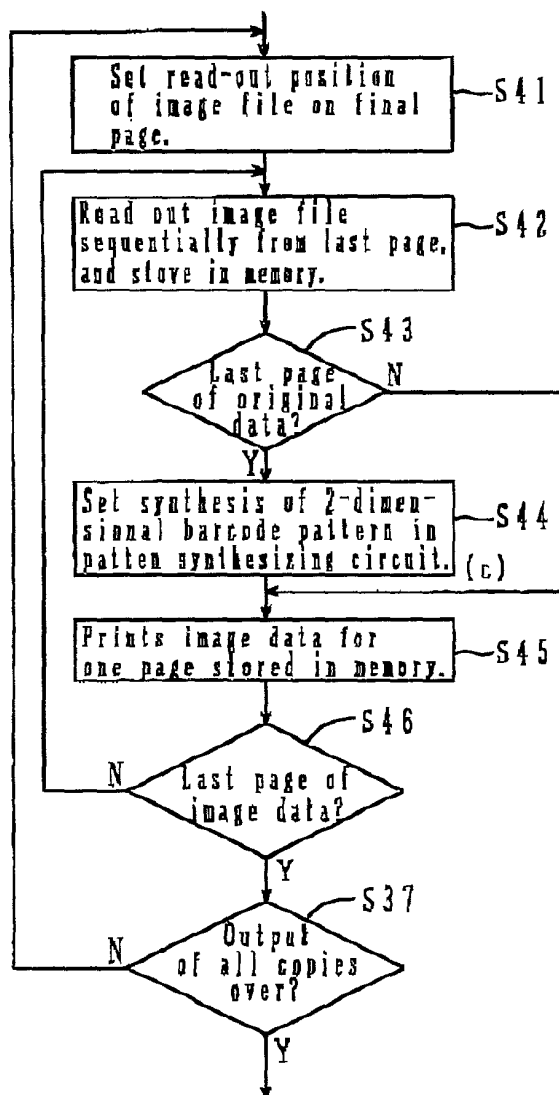


Fig. 12

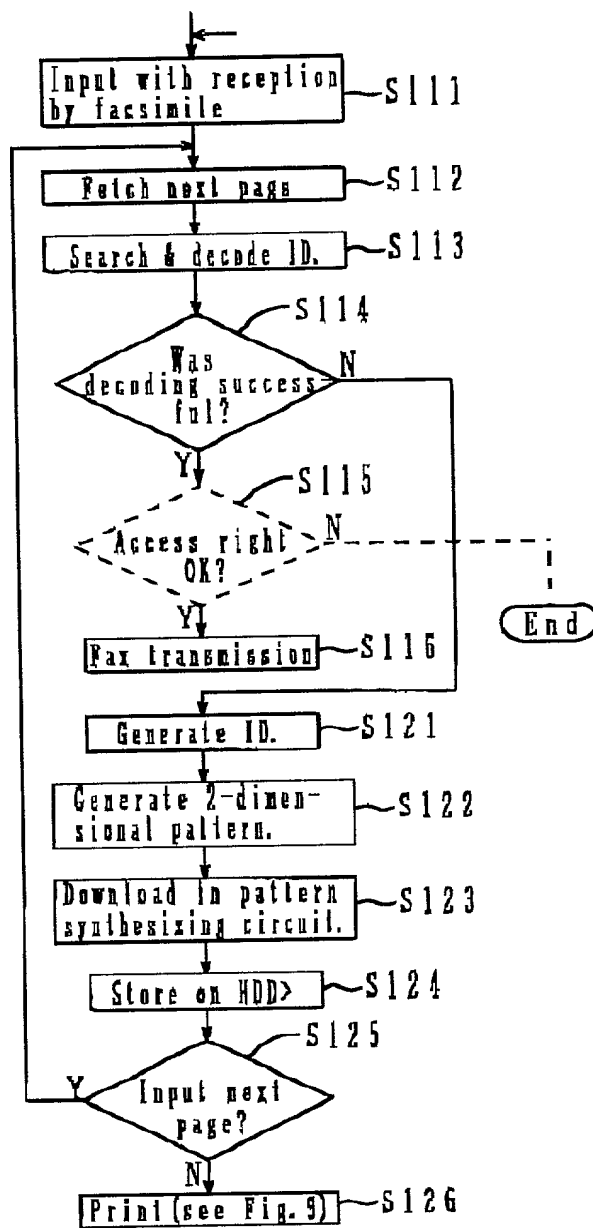


Fig. 13

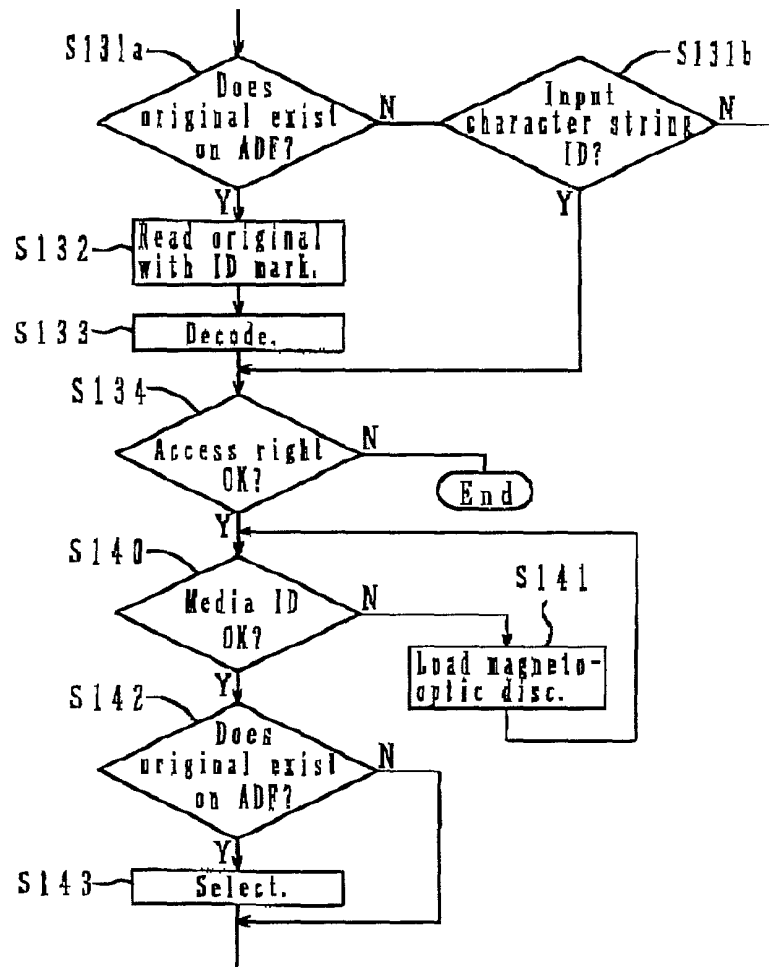


Fig. 14

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FIG. 15

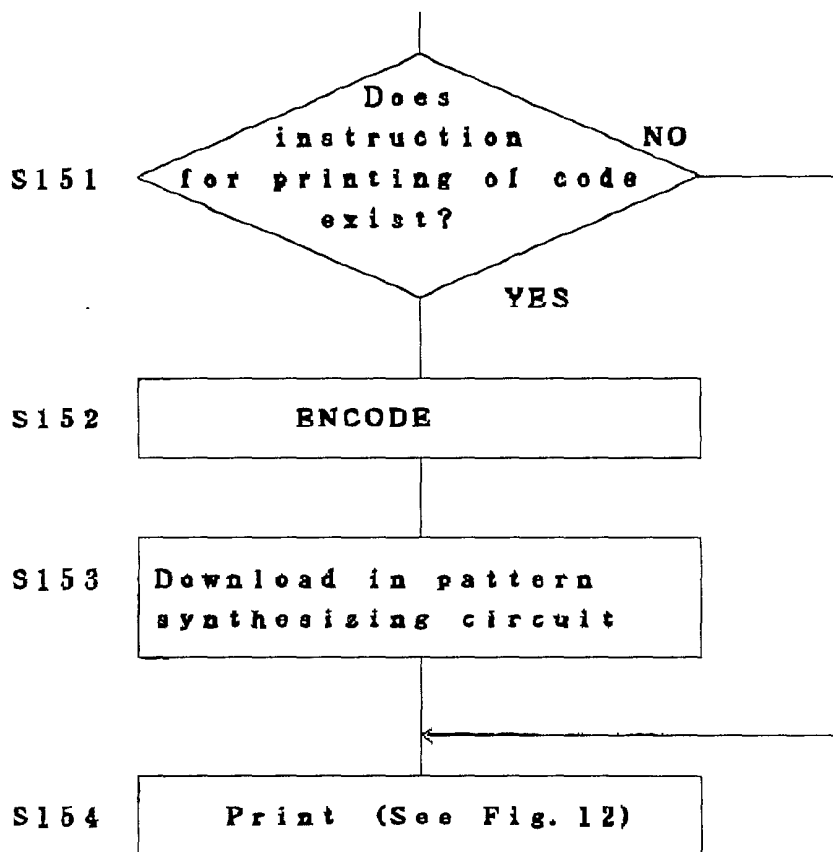


FIG. 15

T04270-2E33660

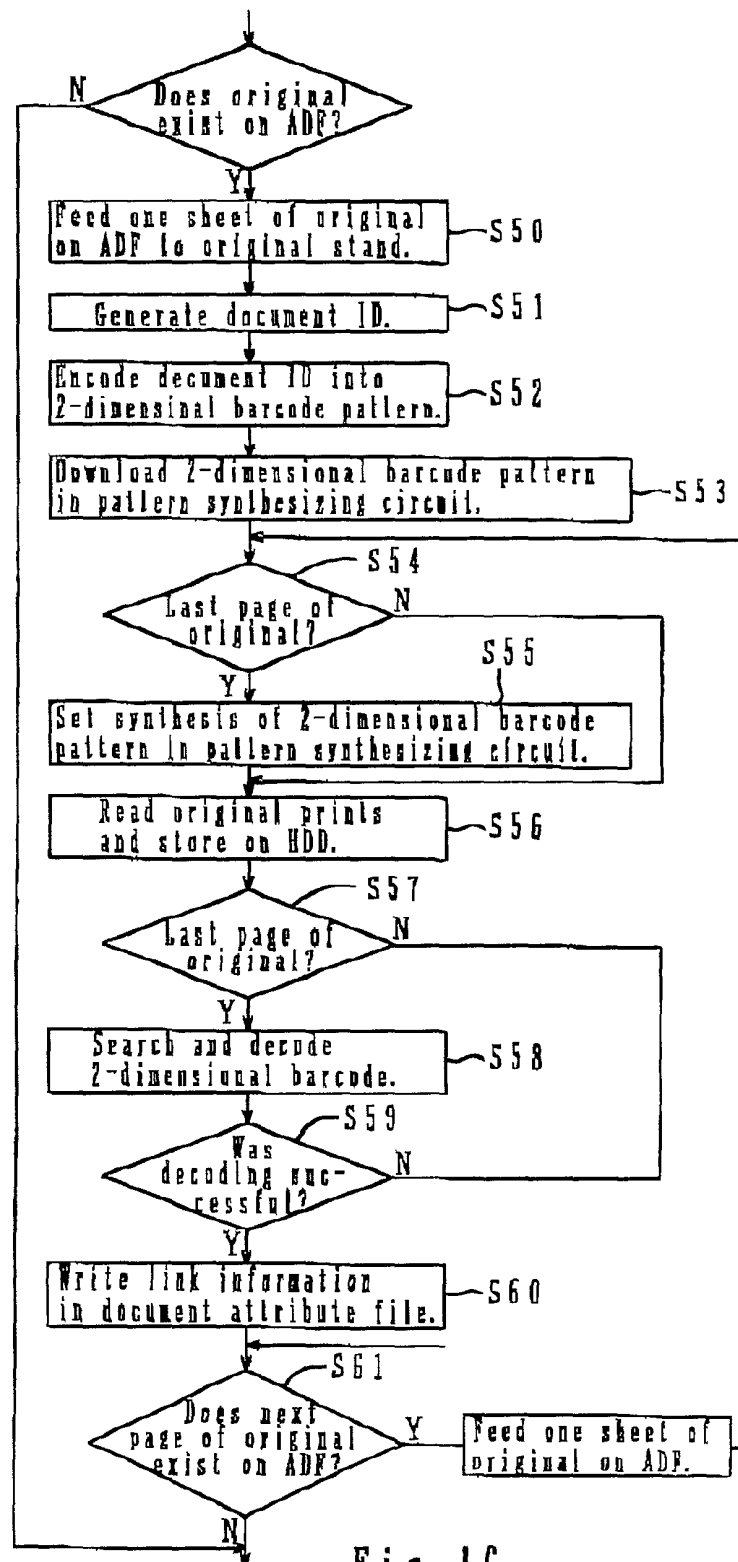
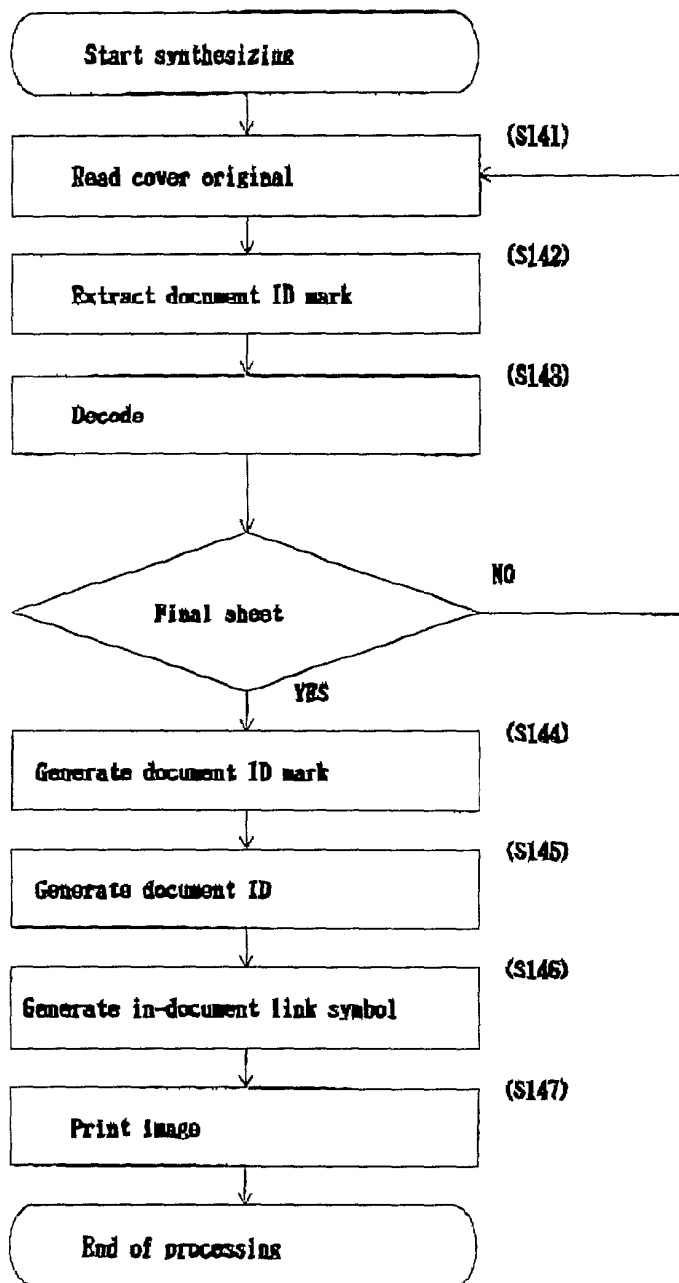


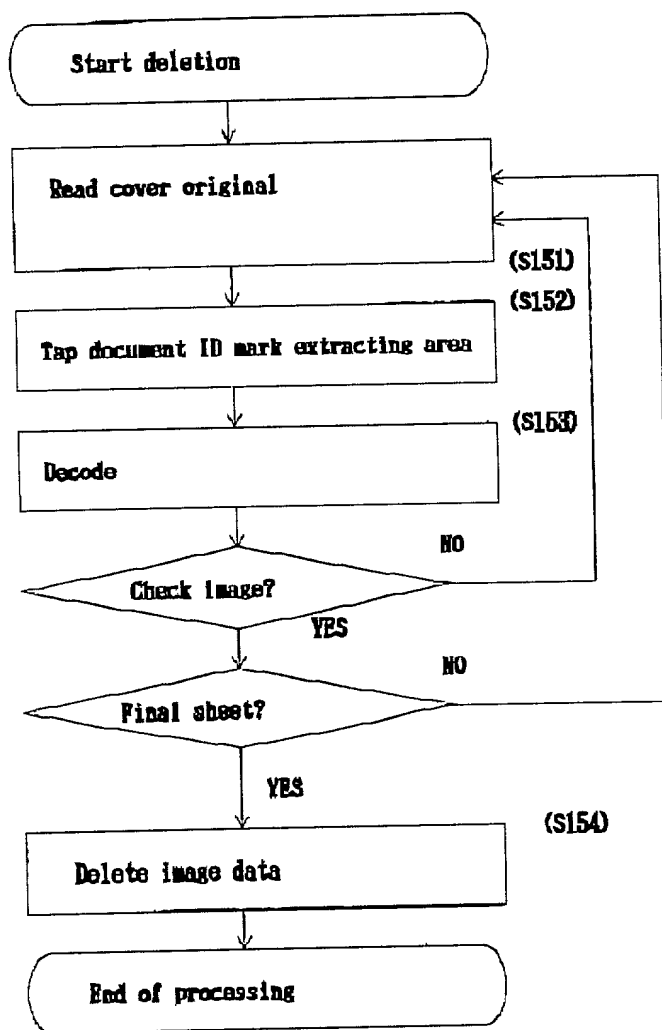
Fig. 16

FIG. 17



T04270" ETEB960

FIG. 18



2025-04-29 14:29:46

There are a plural number  
of versions as document  
to be taken out.  
Select document.

**D**

0. Specified document	20/02/1997	5 pages
1. Date of registration	05/01/1997	5 pages
2. Date of registration	10/01/1997	5 pages
3. Date of registration	15/02/1997	5 pages
4. Date of registration	25/03/1997	5 pages

[illegible]

FIG. 20

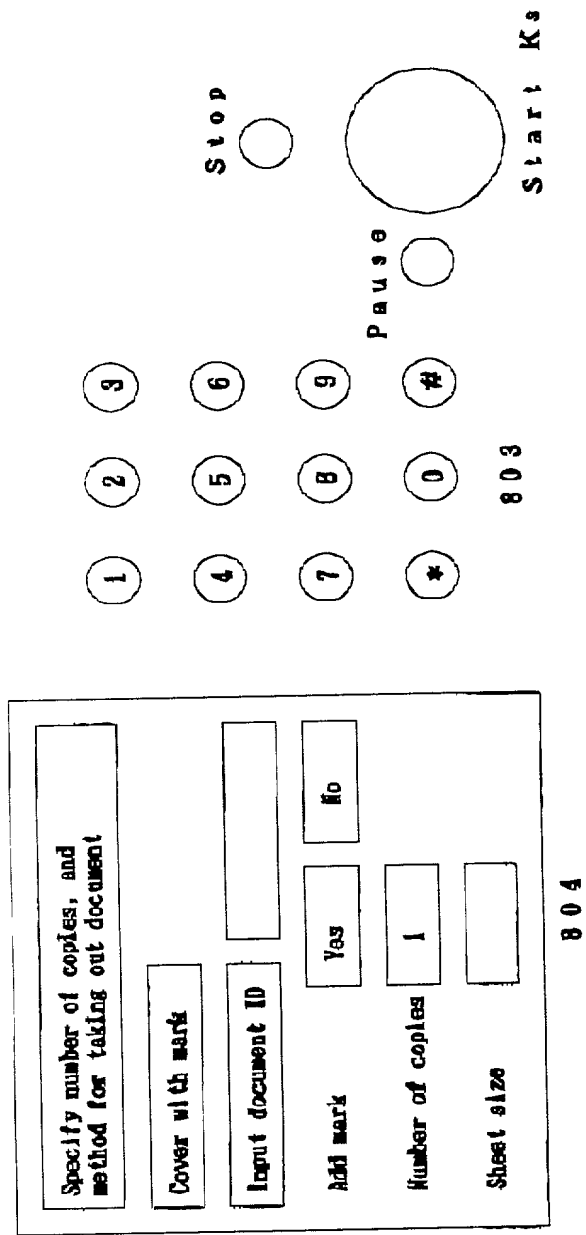
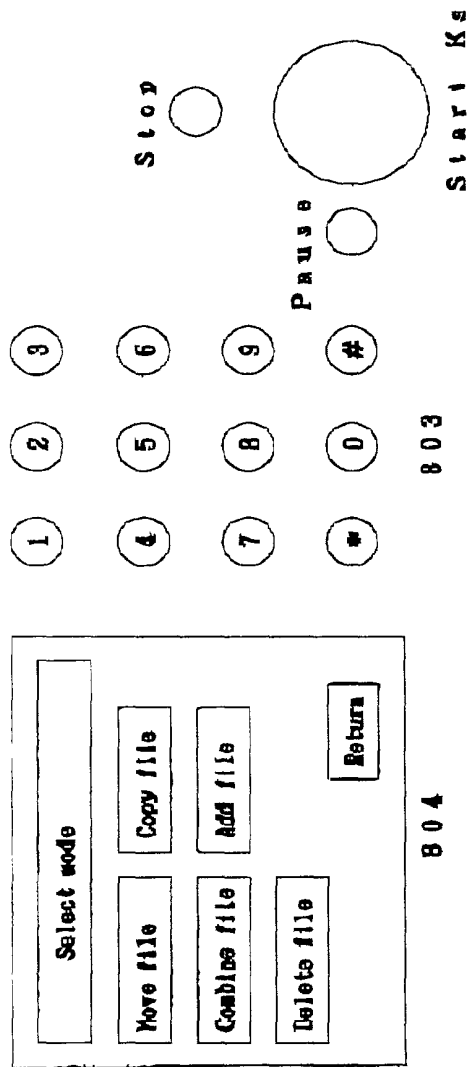


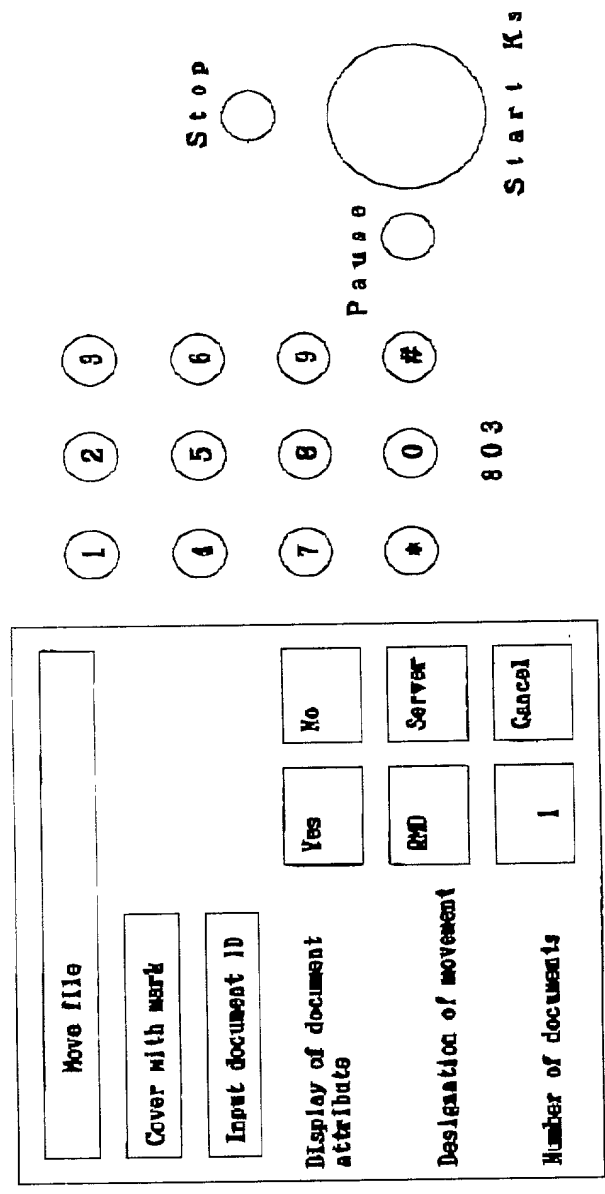
FIG. 21

FIG. 21



特許庁 特許第 4, 239, 660 号

FIG. 22



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FIG. 23

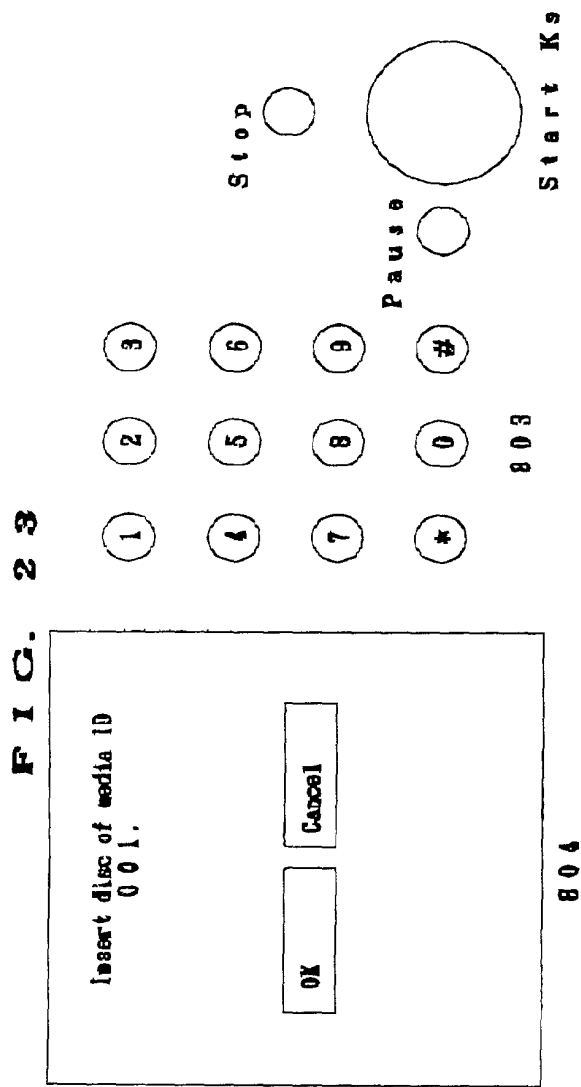


FIG. 24

FIG. 24

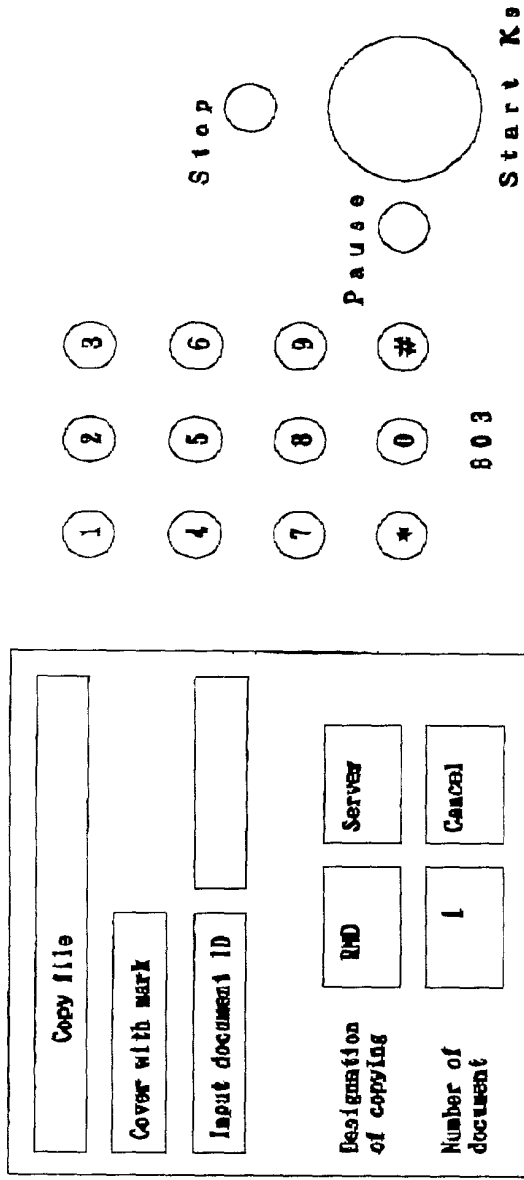
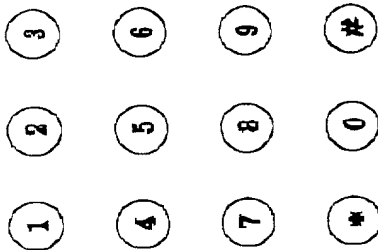


FIG. 25

FIG. 25

Specify number of copies, and method for taking out document	
Cover with mark	
Input document ID	
Add mark	Yes No
Mark size	Large Small
Number of copies of whole body	
Number of copies of cover original	
Sheet size	
Password	

804

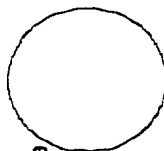


803

Stop



Pause



Start

FIG. 26

Document ID	Page	In-document link information	
00000001	Image data 1-1	●	54a
	Image data 1-2		←
00000002	Image data 2-1		54b
00000003	Image data 3-1	●	←
	Image data 3-2	●	←
	Image data 3-3		54c
.	.	.	
.	.	.	
.	.	.	

FIG. 26

FIG. 27

Document ID	Page	In-document link information	
00000001	Image data 1-1	●	54a
	Image data 1-2	●	54a
00000002	Image data 2-1		54d
00000003	Image data 3-1	●	54b
	Image data 3-2	●	54b
	Image data 3-3		54c
-	-	-	
-	-	-	
-	-	-	

FIG. 28

Document ID	Page	In-document link information	
00000001	Image data 1-1	● —————	54a
	Image data 1-2		←
00000002	Image data 2-1		
00000003	Image data 3-1	● —————	54b
	Image data 3-2	● —————	54c
	Image data 3-3		←
00000004	Image data 1-1	● —————	54e
	Image data 1-2	● —————	54f
	Image data 3-1	● —————	54g
	Image data 3-2	● —————	54h
	Image data 3-3		←
.	.	.	
.	.	.	
.	.	.	

Fig. 29

ORIENTATION OF ORIGINAL	LONGITUDINAL (TRANSVERSAL POSITION LONGITUDINAL POSITION)	TRANSVERSAL (TRANSVERSAL POSITION, LONGITUDINAL POSITION)
SHEET SIZE		
B4	(10,237)	(10,162)
A4	(10,277)	(10,190)
B3	(10,344)	(10,237)
A3	(10,400)	(10,277)

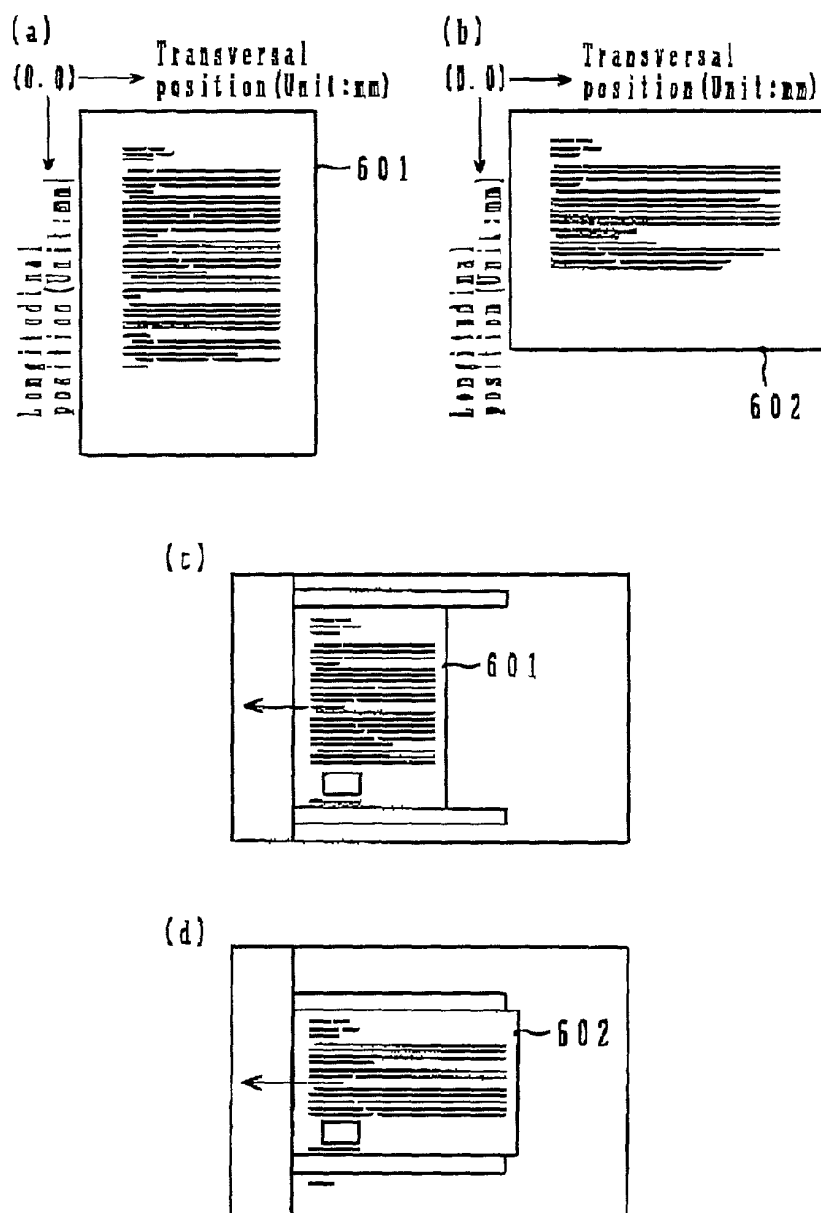


Fig. 30

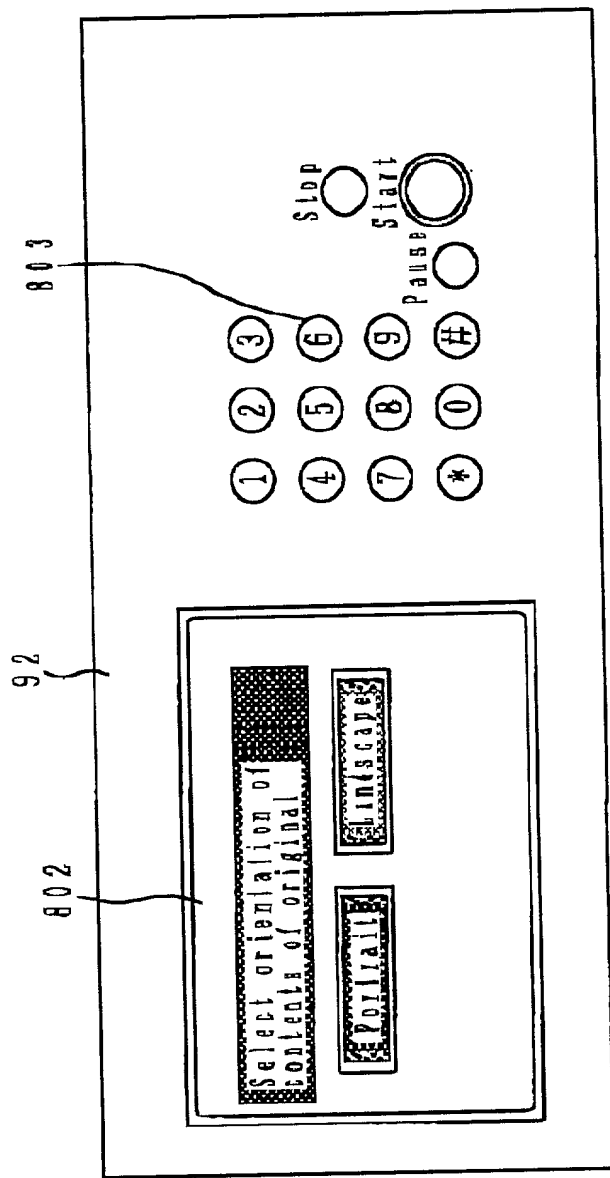


Fig. 31

Fig.32

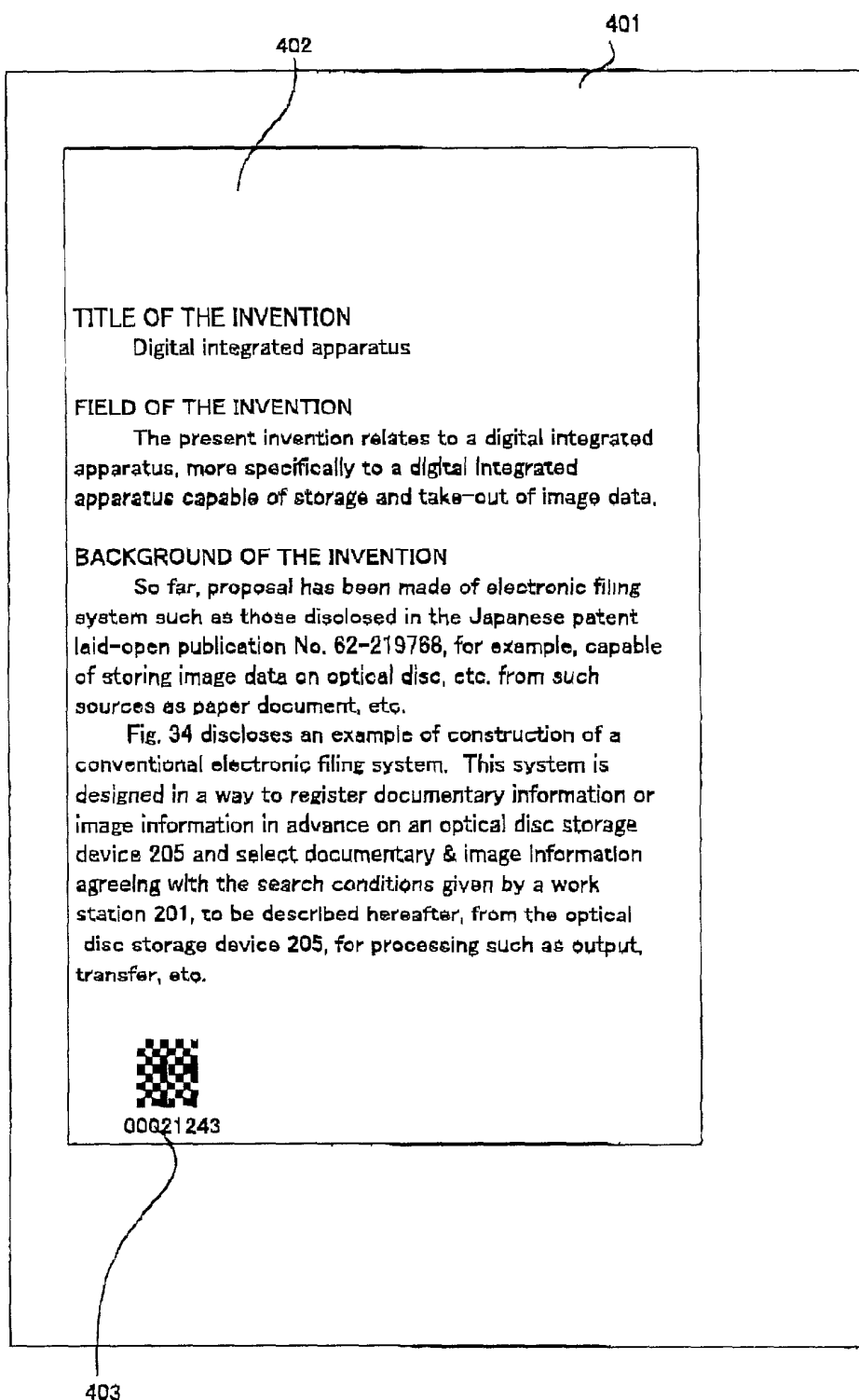


FIG. 32

# FIG. 33

Document attribute information list	
Date & time of preparation:	21st February. 1997, 17:40:32
Input source:	FAX reception
Total number of pages:	12 pages
Sheet size:	A4
Place of storage:	Home HDP
Name of user who registered document:	○○ ○○
Access right:	Free
254689524	

Example of print of printed document attribute information list

FIG. 34 PRIOR ART

Fig. 34 PRIOR ART

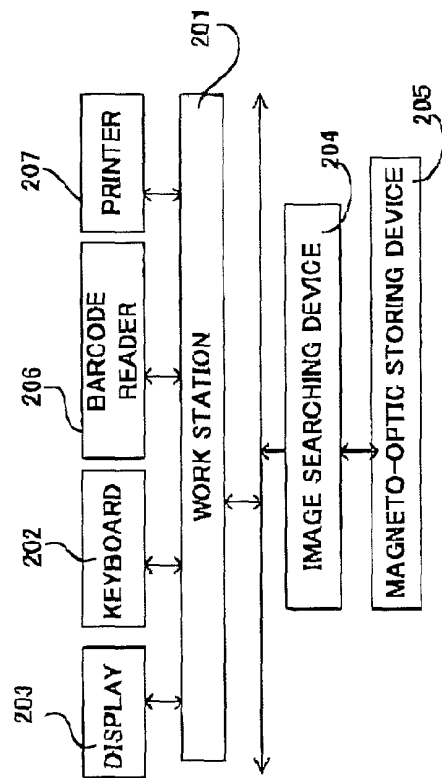


Fig.35


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**TITLE OF THE INVENTION**  
Digital integrated apparatus

**FIELD OF THE INVENTION**  
The present invention relates to a digital integrated apparatus, more specifically to a digital integrated apparatus capable of storage and take-out of image data.

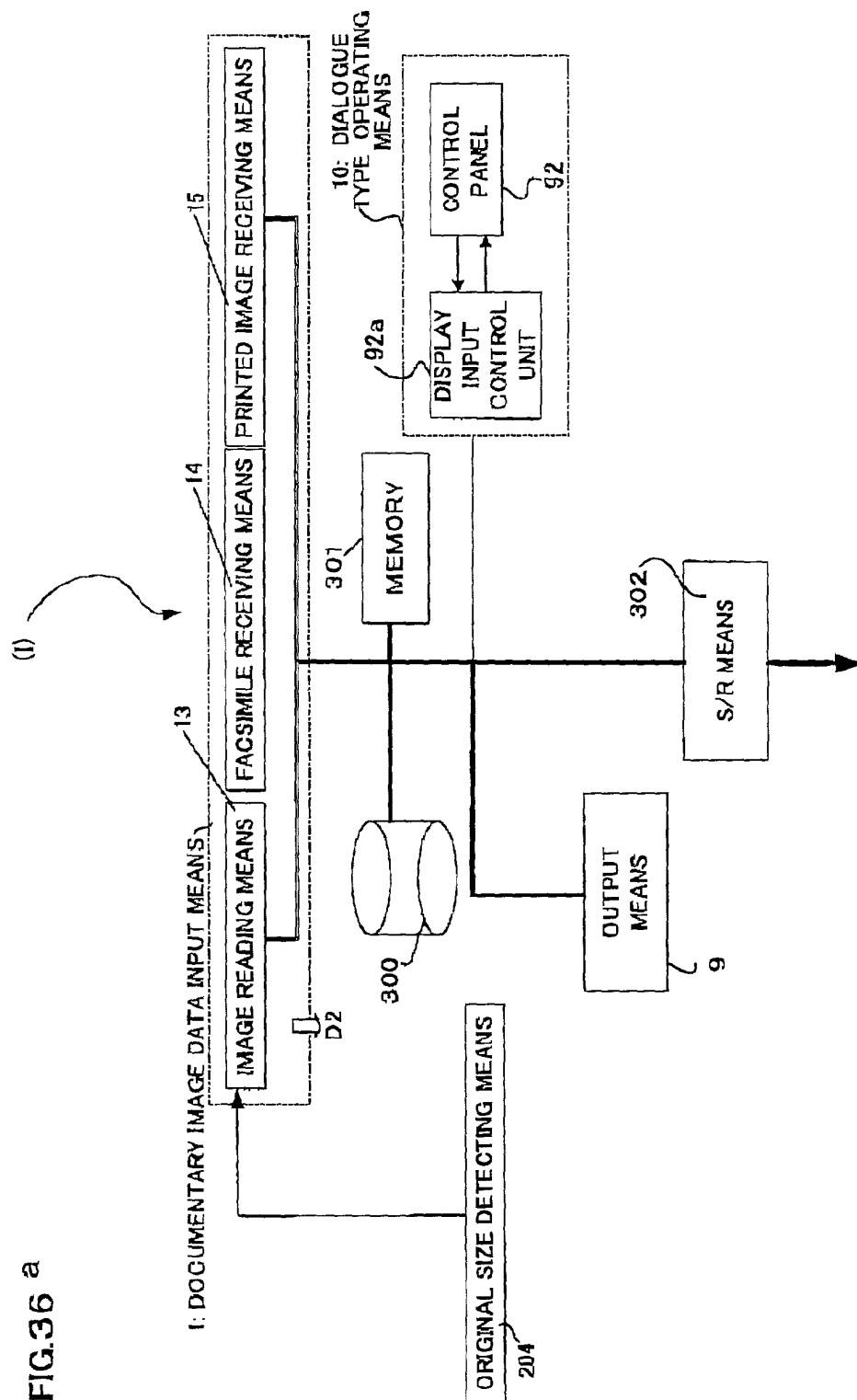
**BACKGROUND OF THE INVENTION**  
So far, proposal has been made of electronic filing system such as those disclosed in the Japanese patent laid-open publication No. 82-219788, for example, capable of storing image data on optical disc, etc. from such sources as paper document, etc.

Fig. 34 discloses an example of construction of a conventional electronic filing system. This system is designed in a way to register documentary information or image information in advance on an optical disc storage device 205 and select documentary & image information agreeing with the search conditions given by a work station 201, to be described hereafter, from the optical disc storage device 205, for processing such as output, transfer, etc.

  
000021243

T01210"CT239450

FIG. 36 a



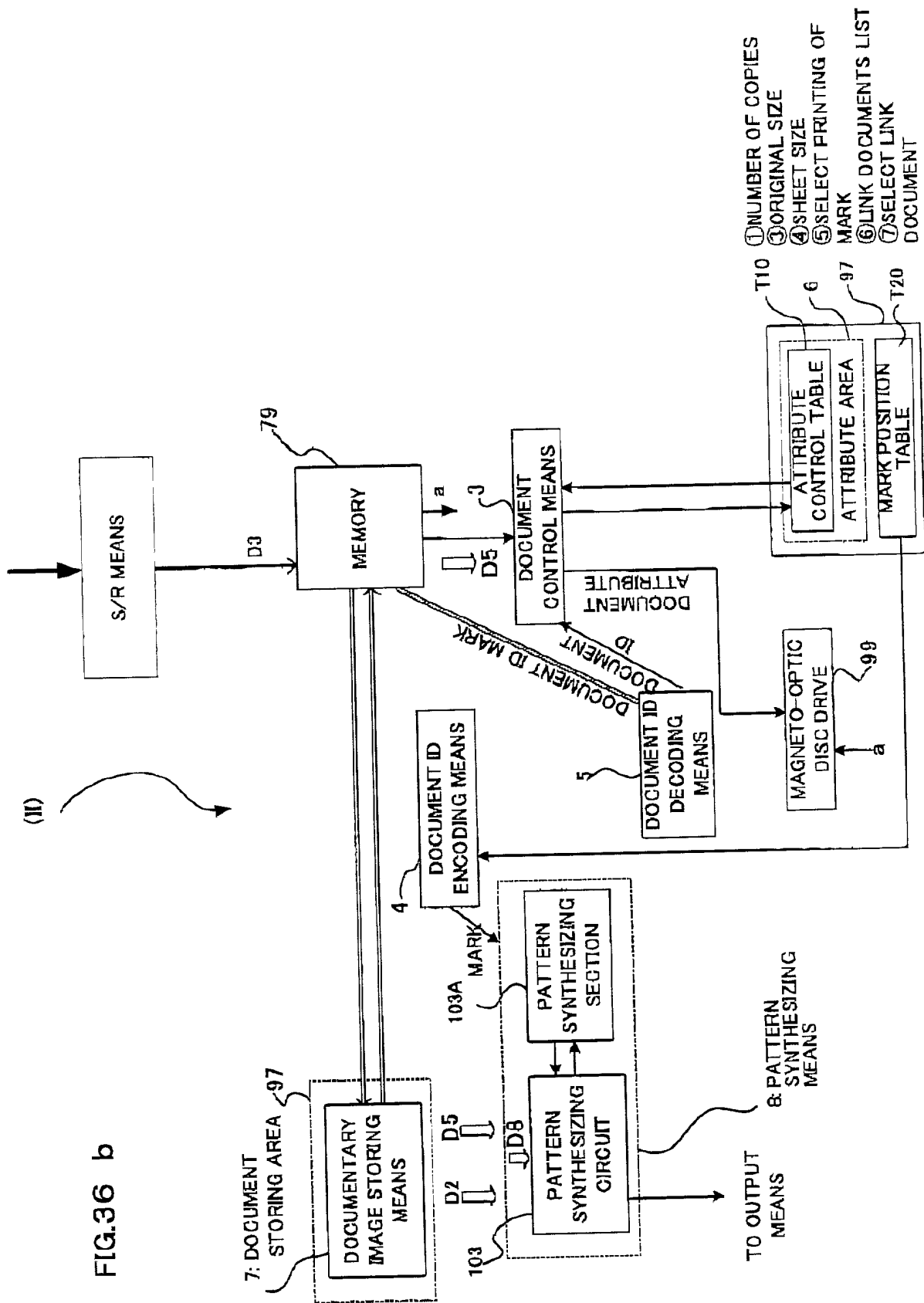


FIG. 37

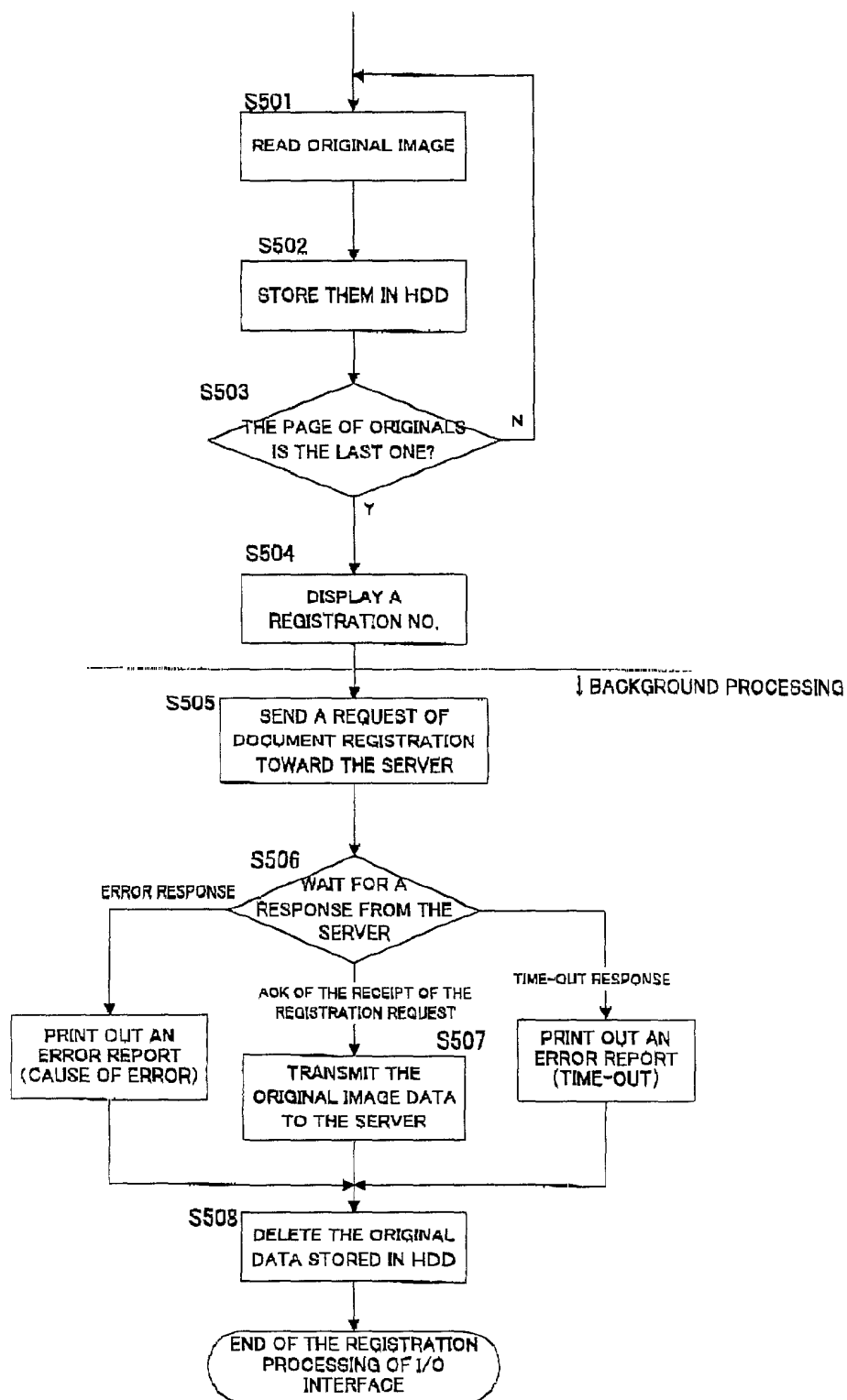


FIG. 38

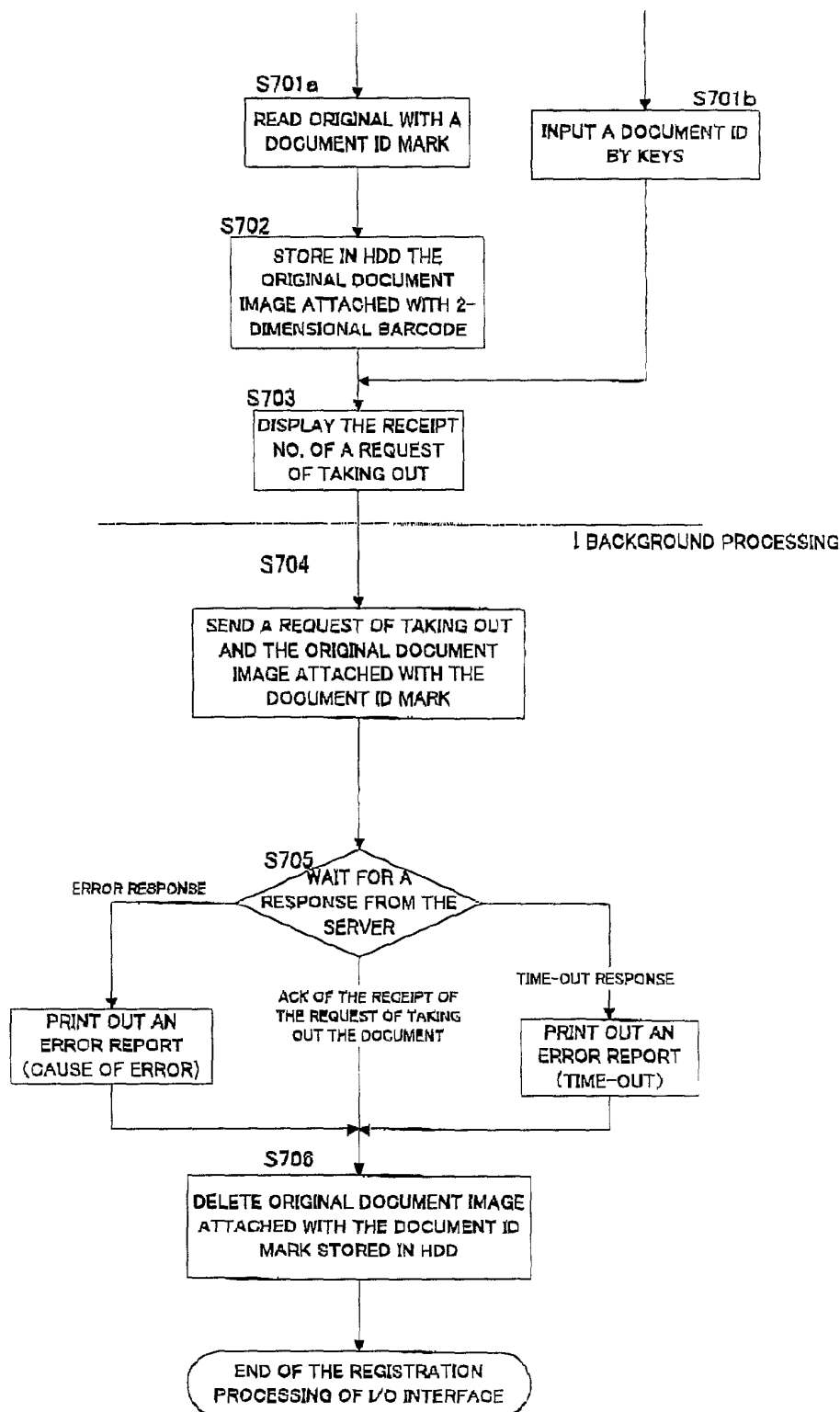


FIG. 39

